

OL 3.2 *On-Line Support Services Functional Requirements*

The On-Line Support services provide users the capability to access help from any screen or window within the GCCS COE system operating on any approved platform. It is intended to provide comprehensive help to users in every aspect of the system implementation.

On-Line Help provides a multitude of services including task specific instruction, search options, and on-screen demos. It is intended to give the user access to specific information.

On-Line Job Planning provides descriptions of tasks involved, and required order of execution in correct job completion. This service provides help at a greater level of detail than On-Line Help.

On-Line Reference gives the user access to all information contained in operator guides. This allows the user to browse for general information in a comprehensive electronic version of all system and operator manuals.

Computer-Based Instruction provides informal tutorials to allow a deeper level of understanding of system operation.

OL 3.2.1 Common Requirements

This section states the requirements which must be met by all On-Line services. These requirements are necessary to establish a commonality between the four services. The sections following state additional requirements relevant to each service individually.

OL 3.2.1.1 The On-Line Support services shall allow users to establish focus on a certain object without activating that object. A user must be able to gain functional or descriptive information about an icon or button without actuating its execution.

Traceability:
Priority 1

OL 3.2.1.2 The On-Line Support services shall provide an information bar at the bottom of all primary and secondary task-related windows displaying general descriptions and functional descriptions of an item on which the user establishes focus. This will inform the operator of the resulting software response if the object were invoked, and, in cases requiring user input in a certain field, what input is to be supplied and its format.

Traceability:
Priority 1

OL 3.2.1.3 The On-Line Support services shall provide documentation of references to address anticipated user questions and should not be addressed from the perspective of the developer.

Traceability:
Priority 1

OL 3.2.1.4 The On-Line Support services shall provide a help window for all application windows.

Traceability:
Priority 1

OL 3.2.1.5 The On-Line Support services shall provide window-level help through pull-down menus.

Traceability:
Priority 1

OL 3.2.1.6 The On-Line Support services shall provide object-level help through a help key (e.g., F1).

Traceability:
Priority 1

OL 3.2.2 On-Line Help

OL 3.2.2.1 The On-Line Help service shall be available for all potential modes of a window. For example, if the default mode of a window permits test editing, but also has a “print preview” mode, help for this window will cover capabilities/features available in both modes.

Traceability:
Priority 1

OL 3.2.2.2 On-Line Help instructions shall be printable.

Traceability:
Priority 1

OL 3.2.2.3 The On-Line Help service shall keep the help window displayed but inactive while the user executes the instructions provided in the window. This eliminates the need for the user to memorize the instructions while completing the inquired task.

Traceability:
Priority 1

OL 3.2.3 On-Line Job Planning

OL 3.2.3.1 The On-Line Help service shall provide the user with step-by-step instruction on how to perform a specific task relating to the user’s current job.

Traceability:
Priority 1

OL 3.2.3.2 The On-Line Help service shall identify all obscure intermediate steps essential to the process of completing a task. This will give the user the ability to perform tasks involving transitional steps which may not be obvious.

Traceability:
Priority 1

OL 3.2.3.3 The On-Line Help service shall provide on-screen procedural demonstrations of task execution. This feature is intended to be a hands-off illustration of how tasks are performed and must allow the user to repeat the demonstration at the user’s discretion.

Traceability:
Priority 1

OL 3.2.4 On-Line Reference

OL 3.2.4.1 The On-Line Documentation service shall provide the user with the ability to search for information by subject or key words.

Traceability:
Priority 1

OL 3.2.4.2 The On-Line Documentation service shall provide the user with cross-referencing abilities between applications, including hypertext capabilities. This will allow the user to locate pertinent information that may not be presented in order.

Traceability:
Priority 1

OL 3.2.4.3 The On-Line Documentation service shall provide a global index through which the user may perform topical searches by selecting entries given within the index. This allows the user another method of searching through hypertext techniques.

Traceability:
Priority 2

OL 3.2.5 Computer Based Instruction (CBI)

OL 3.2.5.1 The Computer Based Instruction service shall provide step-by-step tutoring to users demonstrating specific task execution and processes for job implementation. This feature is a hands-on version of requirement OL 3.2.3.3, allowing users to actually perform the steps being demonstrated.

Traceability:
Priority 1

OL 3.2.5.2 The Computer Based Instruction service shall provide tutorial lessons which will be presented to the user in an organized and progressive manner, beginning with basic operations and advancing through higher-level operations at a pace determined by the user.

Traceability:
Priority 2

OL 3.2.5.3 The Computer Based Instruction service shall provide an option to save training sessions which will allow users to continue the training process from previous sessions.

Traceability:
Priority 2

OL 3.2.5.4 The Computer Based Instruction service shall provide the user with a performance evaluation using a rating system based on feedback from tutorial lessons.

Traceability:
Priority 2

OL 3.2.6 Requirements Submitted by the Army

3.2.6.1 FAAD requires the ability to allow the operator to create training scenarios. Necessary for the following exercises:

- Create Exercise Initiation

Traceability: ARMY, 20 July 1996
Priority ???

- Fire Retrieval

Traceability: ARMY, 20 July 1996
Priority ???

- Scenario Generation

Traceability: ARMY, 20 July 1996
Priority ???

- Prescript Options Menu

Traceability: ARMY, 20 July 1996
Priority ???

- Modify Message

Traceability: ARMY, 20 July 1996
Priority ???

- Delete Messages

Traceability: ARMY, 20 July 1996
Priority ???

- Validat Prescript Data

Traceability: ARMY, 20 July 1996
Priority ???

- Prescript Files Generation

Traceability: ARMY, 20 July 1996
Priority ???

- Generate Training Configuration

Traceability: ARMY, 20 July 1996
Priority ???